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PR   18-AUG-1998;   98US-0096950.
PR   18-AUG-1998;   98US-0096959.
PR   18-AUG-1998;   98US-0096960.
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XX
PA   (GETH ) GENENTECH INC.
XX
PI   Baker K,  Chen J,  Goddard A,  Gurney AL,  Smith V,  Watanabe CK;
PI   Wood WI,  Yuan J;
XX
DR   WPI; 2000-072883/06.
DR   P-PSDB; AAY66701.
XX
PT   Membrane-bound proteins and related nucleotide sequences  -
XX
PS   Claim 2; Fig 170; 822pp; English.
XX
CC   The invention provides membrane-bound PRO polypeptides and
CC   polynucleotides encoding them. The PRO sequences of the invention were
CC   identified based on extracellular domain homology screening. The PRO
CC   sequences have homology with proteins including LDL receptors, TIE
CC   ligands and various enzymes. The membrane-bound proteins and receptor
CC   molecules are useful as pharmaceutical and diagnostic agents. Receptor
CC   immunoadhesins, for instance, can be used as therapeutic agents to block
CC   receptor-ligand interactions. The membrane-bound proteins can also be
CC   employed for screening of potential peptide or small molecule inhibitors
CC   of the relevant receptor/ligand interaction. The PRO encoding sequences
CC   are useful as hybridization probes, in chromosome and gene mapping and in
CC   the generation of antisense RNA and DNA. PRO nucleic acid sequences
CC   will also be useful for the preparation of PRO polypeptides, especially
CC   by recombinant techniques.
CX
SQ   Sequence 1076 BP; 291 A; 285 C; 255 G; 245 T; 0 other;

  Query Match           100.0%;  Score 609;  DB 21;  Length 1076;
  Best Local Similarity  100.0%;  Pred. No. 1.2e-185;
  Matches  609;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 tctggacccgtgaaagagctggtcggttccgttggtggggccgtgactttccccctgaag 60
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Qy      61 tccaaagtaaagcaagttgactctattgtctggaccttcaacacaacccctcttgtcacc 120
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Db     164 tccaaagtaaagcaagttgactctattgtctggaccttcaacacaacccctcttgtcacc 223

Qy     121 atacagccagaaggggcactatcatagtgacccaaaatcgtaatagggagagagtagac 180
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Qy     301 catgtctacgagcacctgtcaaagcctaaagtcaccatgggtctgcagagcaataagaat 360
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Db     464 ggcacctgtgtgaccaatctgacatgctgcatggaacatggggaagaggatgtgatttat 523

Qy     421 acctggaaggccctggggcaagcagccaatgagtcccataatgggtccatcctccccatc 480
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Qy     481 tcctggagatggggagaaagtgatatgaccttcatctgcgttgccaggaaccctgtcagc 540
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Qy     541 agaaacttctcaagccccatccttgccaggaagctctgtgaaggtgctgctgatgaccca 600
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Db     644 agaaacttctcaagccccatccttgccaggaagctctgtgaaggtgctgctgatgaccca 703

Qy     601 gattcctcc 609
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Db     704 gattcctcc 712


RESULT   5
AAS46020
ID   AAS46020 standard; cDNA; 1076 BP.
XX
AC   AAS46020;
XX
DT   18-DEC-2001  (first entry)
XX
DE   Human DNA encoding PRO polypeptide sequence #96.
XX
KW   PRO polypeptide; mammal; tumour; cancer; human; cattle; horse; sheep; ss;
KW   dog; cat; pig; goat; rabbit; tumour necrosis factor alpha; TNF-alpha;
KW   blood; chondrocyte cell; cell proliferation; cell differentiation; colon;
KW   adrenal; lung; breast; prostate; rectum; cervix; liver; genetic disorder;
KW   PCR primer.
XX
OS   Homo sapiens.
XX
PN   WO200168848-A2.
XX
PD   20-SEP-2001.
XX
PF   28-FEB-2001; 2001WO-US06520.
XX
PR   01-MAR-2000; 2000WO-US05601.
PR   02-MAR-2000; 2000WO-US05841.
PR   03-MAR-2000; 2000US-187202P.
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PR   11-APR-2000; 2000US-196000P.
PR   11-APR-2000; 2000US-196187P.
PR   11-APR-2000; 2000US-196690P.
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